

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 10011023-1

APR 05 2004

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A NON-DESTRUCTIVE READ FIFO

the specification of which is attached hereto unless the following box is checked:

☒ was filed on 01/10/2002 as US Application Serial No. or PCT International Application
Number 10/044,091 and was amended on _____ (if applicable).

RECEIVED

APR 09 2004

Technology Center 2100

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: <input type="checkbox"/> NO: <input type="checkbox"/>
			YES: <input type="checkbox"/> NO: <input type="checkbox"/>

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number

022878

Place Customer
Number Bar Code
Label here

Send Correspondence to :
AGILENT TECHNOLOGIES, INC.
Legal Department, DL 429
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Direct Telephone Calls To:
Cynthia S. Mitchell OR Daniel J. Santos
970.679.3136 770.984.2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Stacey Secatch
Residence: Niwot, Colorado 80503
Post Office Address: 6960 Peppertree Drive, Niwot, Colorado 80503

Citizenship: USA

Inventor's Signature

Date

3/29/2004

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (Continued)**

ATTORNEY DOCKET NO. 10011023-1

Full Name of #2 joint inventor: Thomas Henkel
Residence: Böblingen, Germany
Post Office Address: Lerchenweg 2, 71032 Böblingen, Germany

Thomas Henkel
Inventor's Signature

Citizenship: Germany

3/26/2004
Date

Full Name of #3 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #4 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #5 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #6 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #7 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #8 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Full Name of #9 joint inventor: _____
Residence: _____
Post Office Address: _____

Inventor's Signature

Citizenship: _____

Date

Practitioner's Docket No. 10011023-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SECATCH, Stacey et al.

Application No.: 10 / 044,091

Group No.: 2182

Filed: January 10, 2002

Examiner: NGUYEN, Tanh Q.

For: A NON-DESTRUCTIVE READ FIFO

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APR 09 2004

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

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DECLARATION OF PRIOR INVENTION IN THE UNITED STATES
OR IN A NAFTA OR WTO MEMBER COUNTRY
TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. § 1.131)

NOTE: 37 C.F.R. § 1.131 Affidavit or declaration of prior invention.

(a) When any claim of an application or a patent under reexamination is rejected, the inventor of the subject matter of the rejected claim, the owner of the patent under reexamination, or the party qualified under §§ 1.42, 1.43, or 1.47, may submit an appropriate oath or declaration to establish invention of the subject matter of the rejected claim prior to the effective date of the reference or activity on which the rejection is based. The effective date of a U.S. patent, U.S. patent application publication, or international application publication under PCT Article 21(2) is the earlier of its publication date or date that it is effective as a reference under 35 U.S.C. 102(e). Prior invention may not be established under this section in any country other than the United States, a NAFTA country, or a WTO member country. Prior invention may not be established under this section before December 8, 1993, in a NAFTA country other than the United States, or before January 1, 1996, in a WTO member country other than a NAFTA country. Prior invention may not be established under this section if either:

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 *

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. _____ (mandatory)

TRANSMISSION

☐ facsimile transmitted to the Patent and Trademark Office, (703) _____

Signature _____

Date: _____

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 1 of 5)

(1) The rejection is based upon a U.S. patent or U.S. patent application publication of a pending or patented application or another or others which claims the same patentable invention as defined in § 1.601(n); or

(2) The rejection is based upon a statutory bar.

PURPOSE OF DECLARATION

1. This declaration is to establish completion of the invention of this application in
- ☒ the United States
 - ☐ the NAFTA country _____ (name of country)
 - ☐ the WIPO country _____ (name of country)
- at a date prior to August 20, 2001, that is the effective date of the prior art
- ☐ publication _____
 - ☐ patent _____
 - ☒ patent publication No. 2003/0034797 A1
 - ☐ other _____

that was cited by the

- ☒ examiner.
- ☐ applicant.

NOTE: 37 C.F.R. § 1.131 is not applicable to a rejection based on a U.S. patent that CLAIMS the rejected invention.

2. The person making this declaration is (are):
- ☒ the inventor(s).
 - ☐ only some of the joint inventor(s) (and a suitable excuse is attached for failure of the omitted joint inventor(s) to sign)
 - ☐ the party in interest (and a suitable explanation as why it is not possible to produce the declaration of the inventor(s) is attached)

FACTS AND DOCUMENTARY EVIDENCE

NOTE: "The showing of facts shall be such, in character and weight, as to establish reduction to practice prior to the effective date of the reference, or conception of the invention prior to the effective date of the reference coupled with due diligence from prior to said date to a subsequent reduction to practice or to the filing of the application. Original exhibits of drawings or records, or photocopies thereof, must accompany and form part of the affidavit or declaration or their absence satisfactorily explained." 37 C.F.R. § 1.131(b).

SEE APPENDIX

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 2 of 5)

3. To establish the date of completion of the invention of this application, the following attached documents and/or models are submitted as evidence:

(check all applicable items below)

- ☐ sketches
- ☐ blueprints
- ☐ photographs
- ☐ reproduction(s) of notebook entries
- ☐ model
- ☐ supporting statement(s) by witness(es) (where verbal disclosures are the evidence relied upon)
- ☐ interference testimony
- ☒ disclosure documents

NOTE: While conception is the mental part of the inventive act, it must be capable of proof, such as by demonstrative evidence or by a complete disclosure to another. Conception is more than a vague idea of how to solve a problem. The requisite means themselves and their interaction must also be comprehended. See *Mergenthaler v. Scudder* 1897 C.D. 724, 81 O.G. 1417." See also M.P.E.P. § 715.07 and § 2138.04, 7th ed.

4. From these documents and/or models, it can be seen that the invention in this application was made

- ☐ on _____
- ☒ at least by the date of June 27, 2001, which is a date earlier than the effective date of the reference.

NOTE: "If the dates of the exhibits have been removed or blocked off, the matter of dates can be taken care of in the body of the oath or declaration." M.P.E.P. § 715.07, 8th ed.

NOTE: "[T]he dates in the oath or declaration may be the actual dates, or, if the applicant or patent owner does not desire to disclose his or her actual dates, he or she may merely allege that the acts referred to occurred prior to a specified date. However, the actual dates of acts relied on to establish diligence must be provided." M.P.E.P. § 715.07, 8th ed.

DILIGENCE

NOTE: "Where there has not been reduction to practice prior to the date of the reference, the applicant or patent owner must also show diligence in the completion of his or her invention from a time just prior to the date of the reference continuously up to the date of the actual reduction to practice or up to the date of filing his or her application (filing constitutes a **constructive** reduction to practice, § 1.131)." M.P.E.P. § 715.07, 8th ed..

NOTE: "A conception of an invention, though evidenced by disclosure, drawings, and even a model, is not a complete invention under the patent laws, and confers no rights on an inventor, and has no effect on a subsequently granted patent to another, **UNLESS HE OR SHE FOLLOWS IT WITH REASONABLE DILIGENCE BY SOME OTHER ACT**, such as an actual reduction to practice or filing an application for a patent. *Automatic Weighing Mach. Co. v. Pneumatic Scale Corp., Limited* 1909 C.D. 498, 139 O.G. 991, M.P.E.P. § 715.07, 8th ed.

"Conception in the mental part of the inventive act, but it must be capable of proof, as by drawings, complete disclosure to another person, etc. In *Mergenthaler v. Scudder*, 1897 C.D. 724, 81 O.G. 1417, it was established that conception is more than a mere vague idea of how to solve a problem; the means themselves and their interaction must be comprehended also." M.P.E.P. § 715.07, 8th ed.

NOTE: "[O]nly diligence before reduction to practice is a material consideration. The 'lapse of time between the completion or reduction to practice of an invention and the filing of an application thereon' is not relevant to an affidavit or declaration under 37 CFR 1.131. See *Ex parte Merz*, 75 USPQ 296 (Bd. App. 1947)." MPEP § 715.07(a), 8th ed.

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 3 of 5)

5. Attached is a statement establishing the diligence of the applicant from the time of their conception, to a time just prior to the date of the reference, up to the:

- ☐ actual reduction to practice.
☒ filing of this application.

TIME OF PRESENTATION OF THE DECLARATION

(complete (a), (b) or (c))

- (a) ☒ This declaration is submitted prior to final rejection.
(b) ☐ This declaration is submitted with the first response after final rejection, and is for the purpose of overcoming a new ground of rejection or requirement made in the final rejection.
(c) ☐ This declaration is submitted after final rejection. A showing under 37 C.F.R. § 1.116(b) is submitted herewith.

DECLARATION

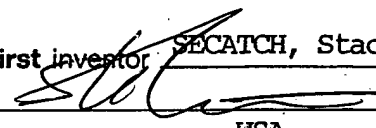
6. As a person signing below:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 4 of 5)

SIGNATURE(S)

7. (complete A or B below)

A. Inventor(s)Full name of sole or first inventor SECATCH, StaceyInventor's signature Date _____ Country of Citizenship USAResidence Niwot, ColoradoPost Office Address 6960 Peppertree Drive, Niwot, Colorado 80503Full name of second joint inventor, if any HENKEL, Thomas

Inventor's signature _____

Date _____ Country of Citizenship GermanyResidence Boblingen, GermanyPost Office Address Lerchenweg 2, 71032 Boblingen, Germany

SIGNATURE(S)

7.

(complete A or B below)

A. Inventor(s)Full name of sole or first inventor SECATCH, Stacey

Inventor's signature _____

Date _____ Country of Citizenship USAResidence Niwot, ColoradoPost Office Address 6960 Peppertree Drive, Niwot, Colorado 80503Full name of second joint inventor, if any HENKEL, Thomas

Inventor's signature _____

Date _____ Country of Citizenship GermanyResidence Boblingen, GermanyPost Office Address Lerchenweg 2, 71032 Boblingen, Germany